

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 49 (11/29/2020- 12/05/2020)

COCONINO COUNTY
December 11, 2020



Situation Summary

MMWR Week 49 (11/29/2020-12/05/2020)

A total of 8,368 confirmed COVID-19 cases have been reported among Coconino County residents through week 49.

Deaths: 178 (2% of cases)

Probable Deaths: 5

Recovered Cases: 5,834

(70% of cases)

Hospitalizations: 789

(9% of cases)

Cases Reported Week 49 (November 29 - December 5, 2020):

904
Confirmed
Cases

3,436
Negative
Cases

630.1
Rate per
100,000

15.8%*
Positivity
Yield

Community Transmission

- Coconino County has a current **incidence rate of 630.1 per 100,000**, **percent positivity of 15.8%***, and **COVID-19-Like-Illness incidence (CLI) of 13.8%****.
- Coconino County is currently at a **moderate***** level of community transmission.

Benchmarks	Minimal	Moderate	Substantial
Cases	<10 cases/100,000	10-100 cases/100,000	>100 cases/100,000
Percent Positivity	<5%	5-10%	>10%
COVID-19-Like-Illness	<5%	5-10%	>10%

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

***Percent positivity was calculated using only ELR data due to insufficient reporting.**

****Incidence rate and percent positivity data are from week 49 (CLI data from week 48 due to reporting lag). CLI is reported using hospital surveillance from the ADHS dashboard at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations.**

***** ADHS defines community spread level thresholds to be met for two-consecutive weeks before moving to a different risk-category. Week 48 was categorized as Moderate level of community spread.**

Cumulative Counts (March 15, 2020- December 5, 2020):

8,368
Confirmed
Cases

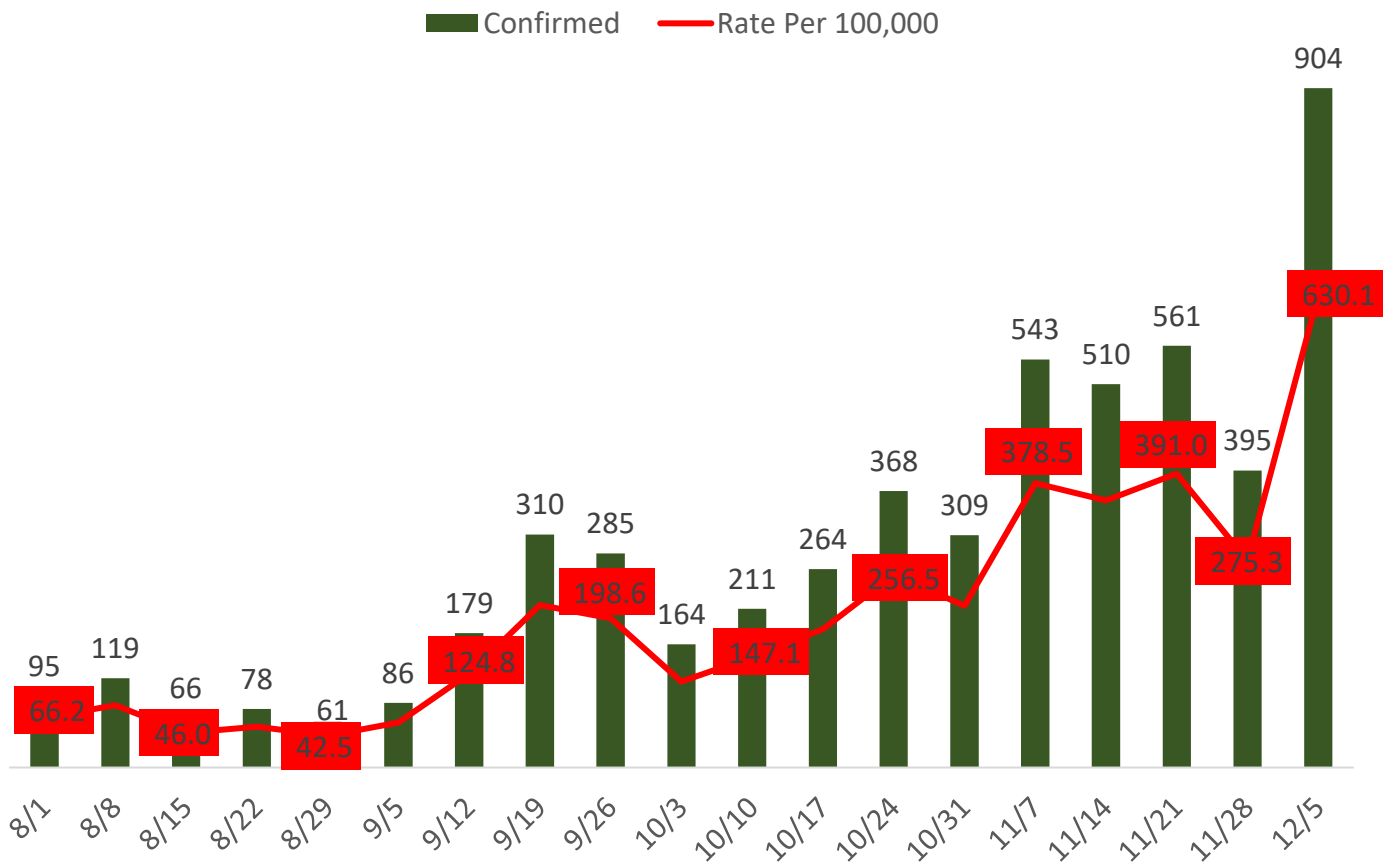
67,499
Negative
Tests

75,867
Total Tests
Resulted

11.0%
Positivity
Yield

5,832.3 cases per 100,000 Coconino County Residents
vs.
5,322.0 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



Age:

Age	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
<20 years	1,619	12,570	10.0%	31,087.7	4,004.1
20-44 years	4,247	36,666	8.9%	68,355.7	7,917.6
45-54 years	970	9,015	9.0%	63,285.4	6,809.4
55-64 years	842	8,937	7.7%	53,931.6	5,081.2
65+ years	690	8,671	6.5%	46,653.4	3,712.5

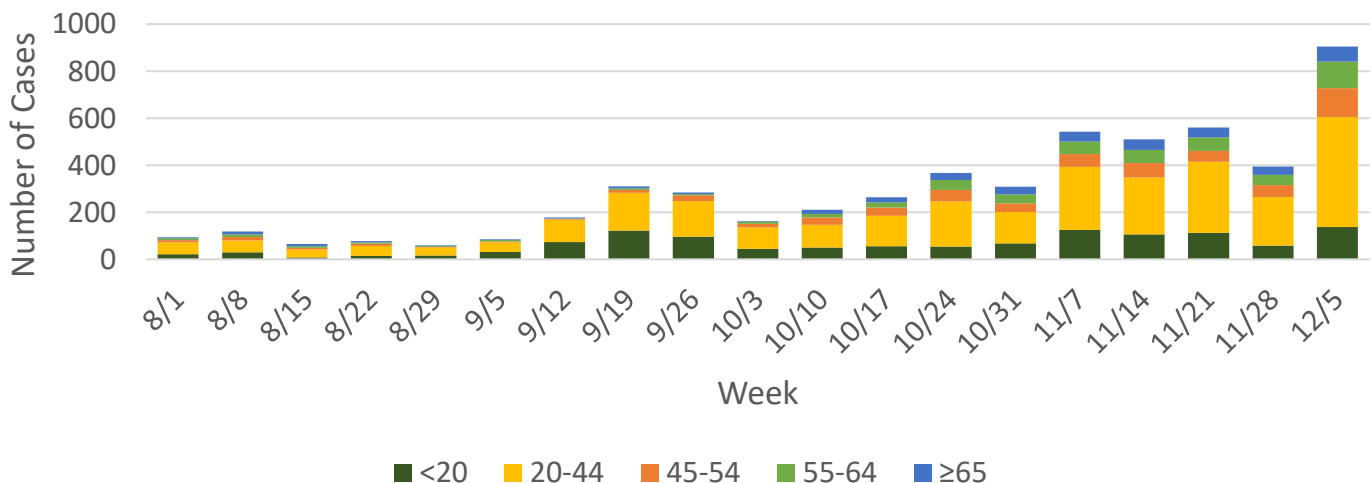
The median age of Coconino County COVID-19 cases is 30 years old



Key Take Away

- The highest **case incidence** for week 49 was observed among residents aged 20-44 and 45-54 with an incidence of 872.5 and 856.4 per 100,000, respectively.
- The highest **positivity yield** for week 49 was observed among residents aged <20 and 45-54, with a positivity yield of 16.9%.
- The highest overall **testing incidence** was observed among residents aged 20-44 years (nearly 47% higher than that of 65+ years).

Age of Confirmed Cases by Week



COVID-19 Situation Summary*

Location:

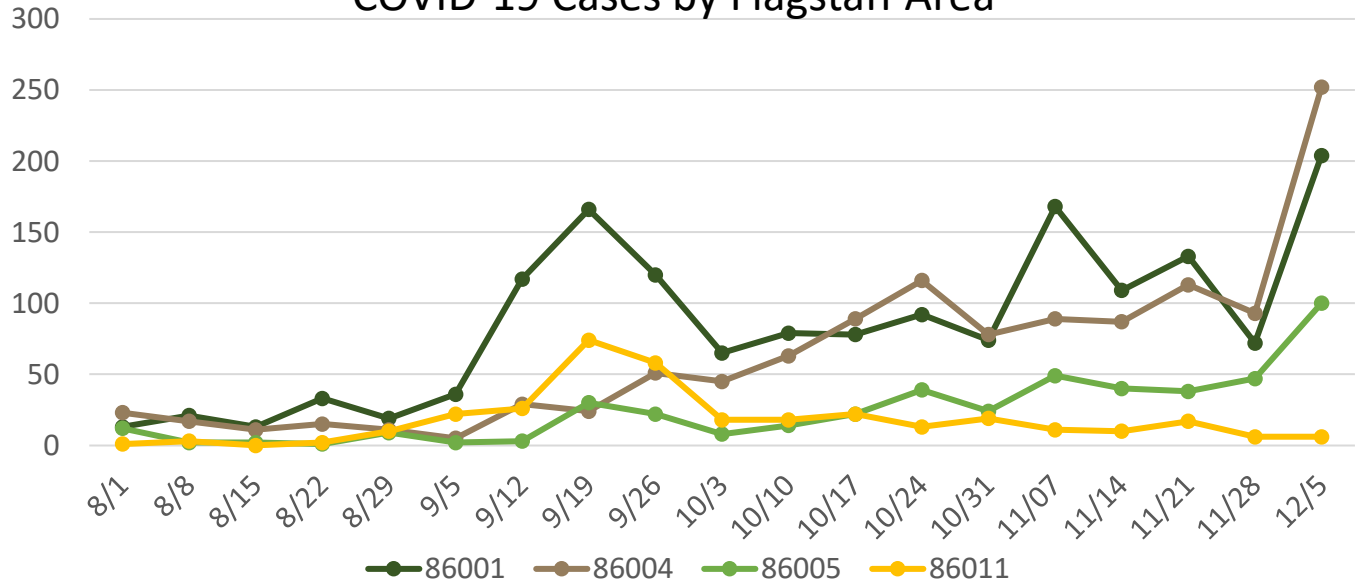
Location	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
Flagstaff	4,922	55,158	7.1%	59,275.9	5,289.5
Page	635	4,171	15.2%	55,267.0	8,413.9
Tribal Communities	2,315	11,133	13.3%	43,667.4	9,080.2
Williams	193	2,001	7.7%	37,998.5	3,665.0
Grand Canyon	85	857	8.9%	34,486.9	3,420.5
Other Areas	218	1,997	6.3%	20,737.3	2,263.8



Key Take Away

- The highest **increase of cases** in the Flagstaff area from the previous week was observed in 86001 and 86004 with a 65% and 63% increase, respectively.
- The highest **increase of cases** in Other Areas from the previous week was observed in Williams with a 138% increase.
- The highest overall **testing incidence** rate was observed in Flagstaff.

COVID-19 Cases by Flagstaff Area

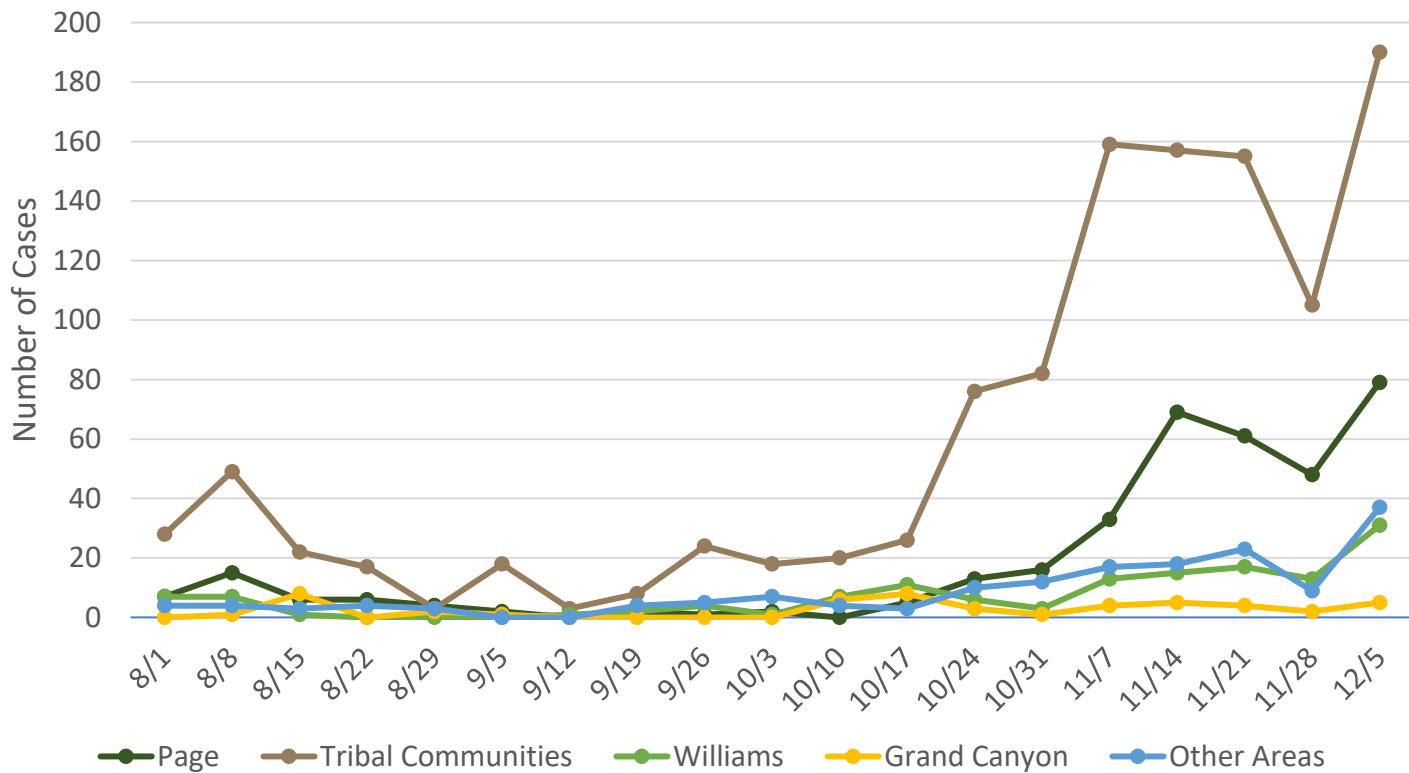


*Cases reported from 3/15/20-12/05/20

COVID-19 Situation Summary*

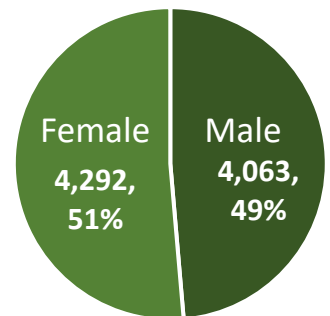
Location:

COVID-19 Cases by Other Geographic Area



Sex:

Sex	Confirmed Cases	Total Tests	Positivity Yield	Case Incidence per 100,000
Female	4,292	41,073	8.0%	5,924.9
Male	4,063	34,509	8.7%	5,719.6

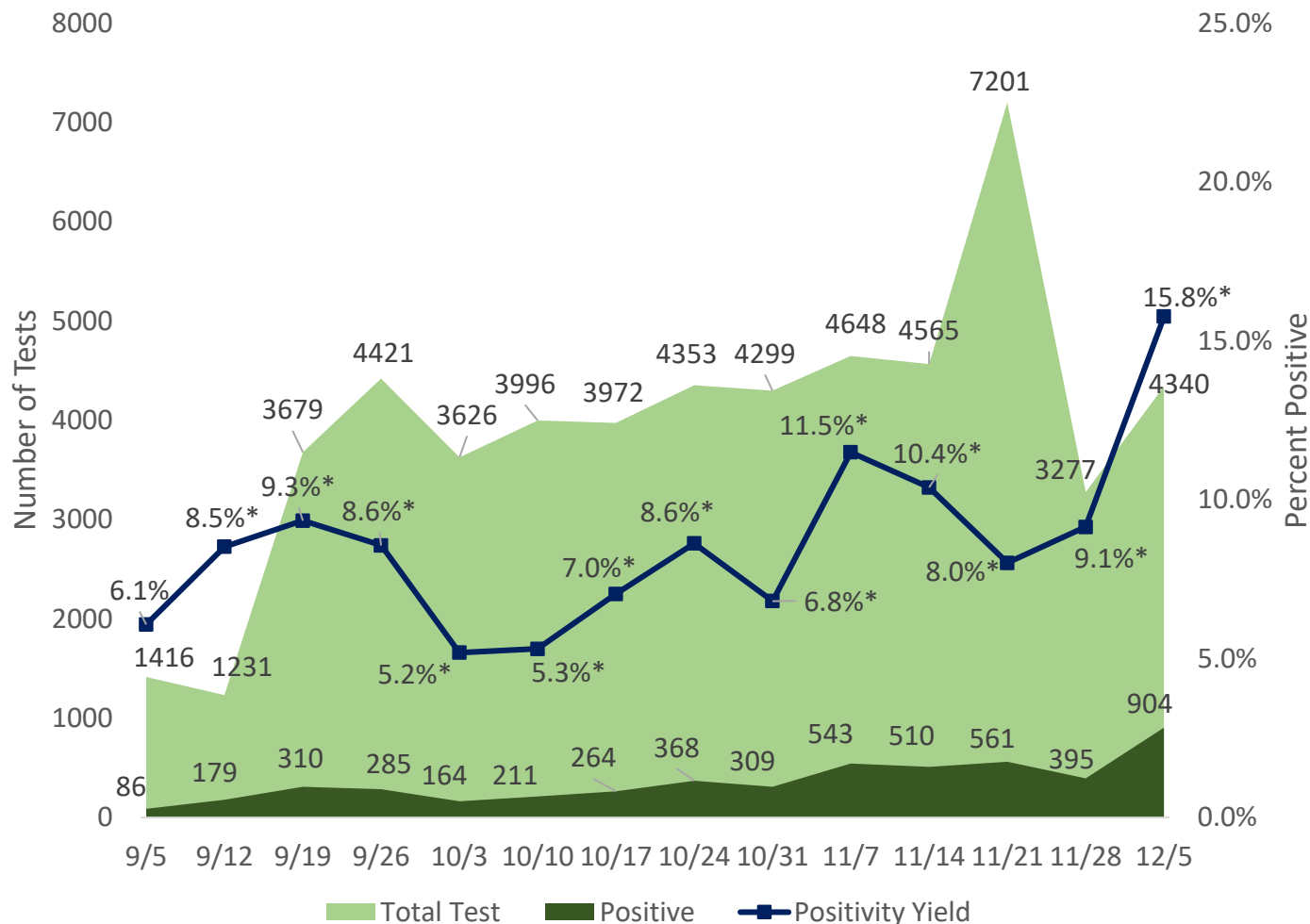


Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 19% more tests than male residents.
- Male residents have slightly higher testing positivity yields.

COVID-19 Situation Summary*

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

Specimen Collection: Coconino County response team sites have collected a total of **76,728** specimens.

Fort Tuthill: 39,050	CCHHS: 1,308	CCC: 212	NAU: 34,078
Fredonia: 41	Grand Canyon: 291	Williams: 672	Other: 1,076

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 4,078**

Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 67 (As of 12/05/2020)**
- **Total individuals monitored to date: 3,585**

*Cases reported from 3/15/20-12/05/20

Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

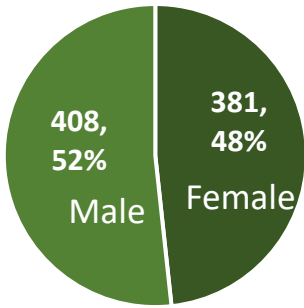
Percentage of Cases
9%

Hospitalized
789

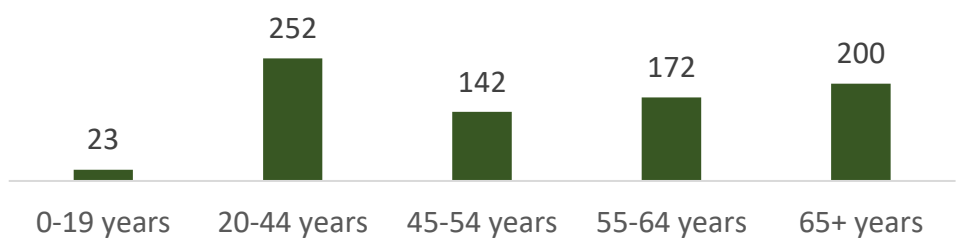
Hospitalizations Per 100,000
549.9

19% of hospitalized residents were in the ICU and 8% were intubated.

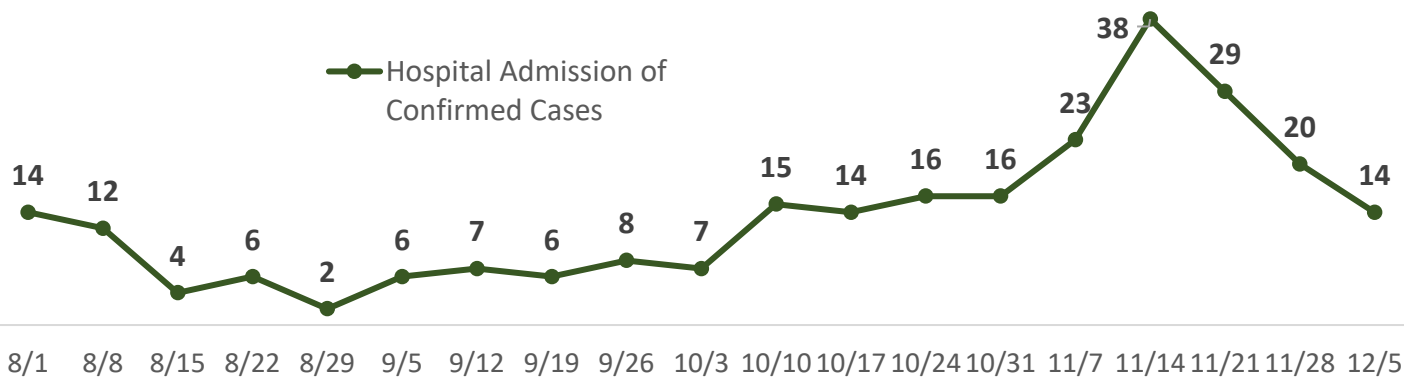
Sex



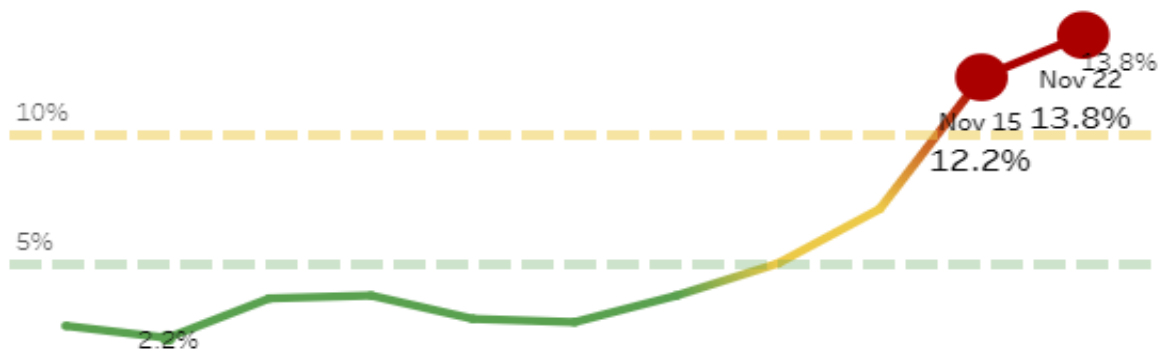
Hospitalized Coconino COVID-19 Patients by Age



Weekly Case Counts Among Coconino County Residents:



Hospital Visits for COVID-Like Illnesses Among Coconino County Residents:



*Cases reported from 3/15/20-12/05/20

CLI Graph provided by [Arizona Department of Health Services](#)

COVID-19 Situation Summary*

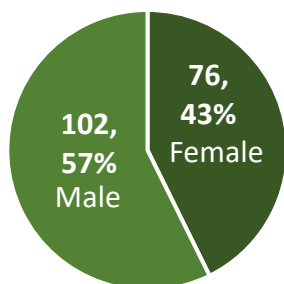
COVID-19 Related Deaths:

Percentage of
Cases
2%

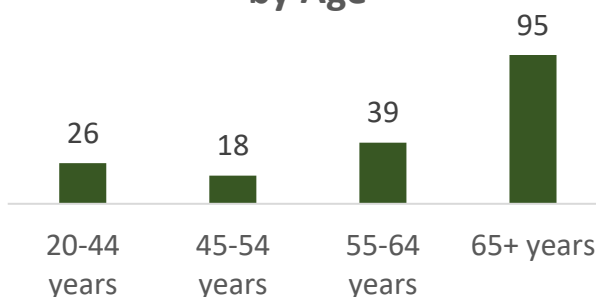
Deaths
178

Fatalities
Per 100,000
124.1

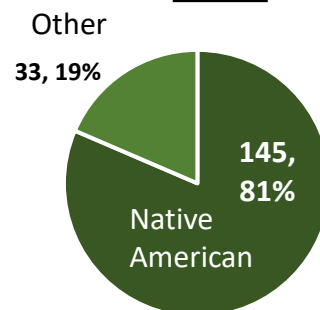
Sex



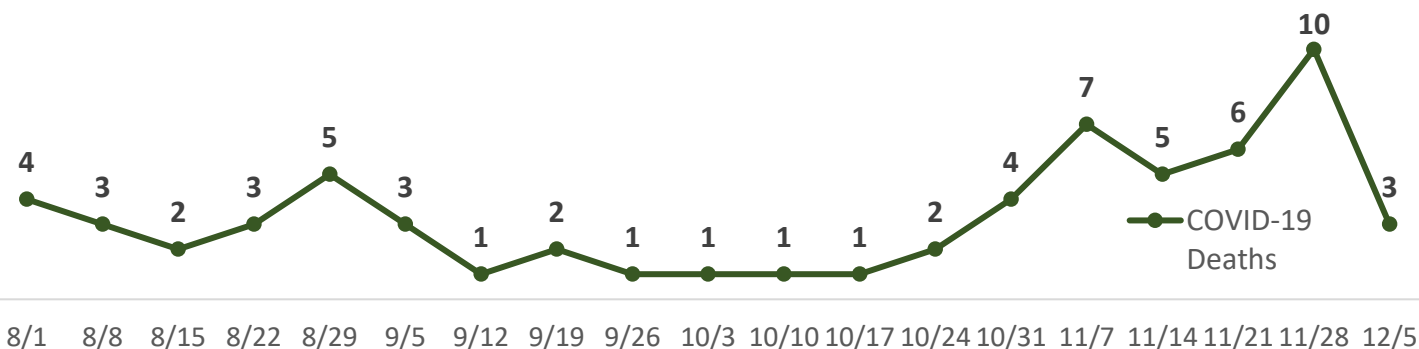
Coconino COVID-19 Deaths by Age



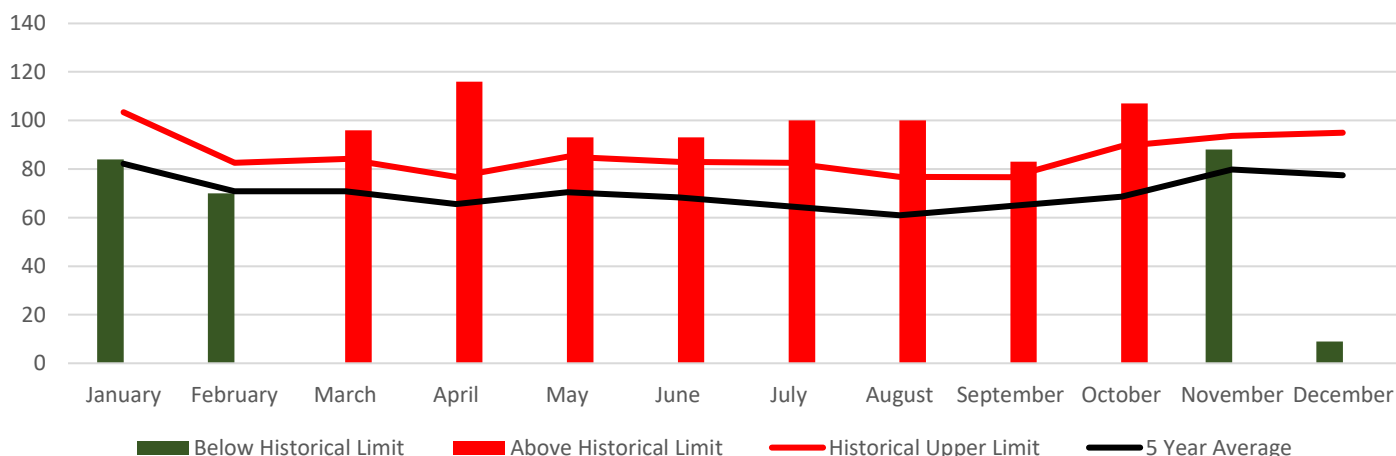
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2020 All Deaths Aberration



*Cases reported from 3/15/20-12/05/20